



<b>COURSE: HOME AND BUILDING AUTOMATION</b>		
<b>DEGREE: INDUSTRIAL ELECTRONICS AND AUTOMATION ENGINEERING</b>	<b>YEAR: 4</b>	<b>TERM: 2</b>

WEEKLY PLANNING									
WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	Indicate YES/NO If the session needs 2 teachers	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS			DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	Lesson 1: Introduction to building automation	X			NO	Study theory	1,66	
1	2	Lesson 2: Basic Concepts	X			NO	Study theory	1,66	4
2	3	Lesson 3: Regulations	X			NO	Prepare exercises	1,66	
2	4	Exercises Basic Concepts		X		NO	Study theory	1,66	4
3	5	Lesson 4: KNX	X			NO	Prepare exercises	1,66	
3	6	Exercises: KNX		X		NO	Study theory	1,66	4
4	7	Lesson 5: Other protocols: BackNet y LON	X			NO	Prepare exercises	1,66	
4	8	Exercises: BackNet y LON		X		NO	Study theory	1,66	4
5	9	Lesson 5: Other wired protocols	X			NO	Prepare lab session	1,66	
5	10	Lab session 1		X	Lab	YES	Study theory	1,66	7
6	11	Lesson 6: Transmission technologies: PLC	X			NO	Prepare lab session	1,66	7

		technologies							
6	12	Lab session 2		X	Lab	YES	Study theory	1,66	
7	13	Lesson 6: Transmission technologies: Wireless technologies	X			NO	Prepare lab session	1,66	
7	14	Lab session 3		X	Lab	YES	Prepare evaluation	1,66	7
8	15	Evaluation	X			NO	Prepare lab session	1,66	
8	16	Lab session 4		X	Lab	YES	Study theory	1,66	7
9	17	Lesson 7: Control Facilities	X			NO	Prepare lab session	1,66	
9	18	Lab session 5		X	Lab	YES	Study theory	1,66	7
10	19	Lesson 8: Applications to energy efficiency	X			NO	Prepare lab session evaluation	1,66	
10	20	Lab session 6: Evaluation		X	Lab	YES	Study theory	1,66	7
11	21	Lesson 8: Applications to lighting control	X			NO	Prepare exercises	1,66	
11	22	Exercises: Control Facilities		X		NO	Study theory	1,66	4
12	23	Lesson 8: Applications to climate control	X			NO	Prepare exercises	1,66	
12	24	Exercises: Applications		X		NO	Study theory	1,66	4
13	25	Lesson 8: Security Applications	X			NO	Study theory	1,66	
13	26	Lesson 8: Domotic care	X			NO	Study theory	1,66	4,66
14	27	Lesson 8: Multimedia and home appliances. Internet of things.	X			NO	Prepare practical work and evaluation.	1,66	
14	28	Exercises: Applications		X		NO	Prepare practical work	1,66	7
	29	Evaluation	X			NO		1,66	
<b>Subtotal 1</b>								<b>48,33</b>	<b>77,66</b>
<b>Total 1 (Hours of class plus student homework hours between weeks 1-14)</b>								<b>126</b>	
15		Tutorials, handing in, etc							
16		Assessment							
17								2	12
18									
<b>Subtotal 2</b>								<b>2</b>	<b>12</b>
<b>Total 2 (Hours of class plus student homework hours between weeks 15-18)</b>								<b>14</b>	
<b>TOTAL (Total 1 + Total 2. Maximum 180 hours)</b>								<b>140</b>	